

Educational Master Plan

Opportunities for the Future

May 4, 2016

EMP Overview

- Message from President
- Introduction
- College History & Overview
- Mission, Vision, Values
- Environmental Scan
 - External
 - Internal
- Plan Assumptions & Goals
- **Opportunities for the Future**
- Projections for the Future Program of Instruction

Overarching Theme

- ***What opportunities are available for the College to further its mission?***

Opportunities for the Future

- Labor Market Data
 - Around the State
 - Region Labor Market Data, by Occupation
- Faculty and Staff Visions
- General Opportunities
- Ideas for Potential New Programs

Around the State

Entry Level Education	EDD Average Annual Occupational Openings Projections 2012-2022 by County											
	San Diego	%	Los Angeles	%	Orange	%	Santa Clara	%	San Francisco	%		
Less than high school	19,843	34%	57,849	38%	21,398	35%	9,350	26%	12,940	33%		
High school diploma or equivalent	19,063	33%	48,610	32%	21,323	35%	8,970	25%	10,550	27%		
<i>Some college, no degree</i>	<i>636</i>	<i>1%</i>	<i>1,720</i>	<i>1%</i>	<i>810</i>	<i>1%</i>	<i>680</i>	<i>2%</i>	<i>480</i>	<i>1%</i>		
<i>Postsecondary non-degree award</i>	<i>2,301</i>	<i>4%</i>	<i>7,525</i>	<i>5%</i>	<i>2,403</i>	<i>4%</i>	<i>1,470</i>	<i>4%</i>	<i>1,180</i>	<i>3%</i>		
<i>Associate's degree</i>	<i>2,017</i>	<i>3%</i>	<i>5,297</i>	<i>3%</i>	<i>1,962</i>	<i>3%</i>	<i>1,680</i>	<i>5%</i>	<i>1,380</i>	<i>4%</i>		
Bachelor's degree	11,523	20%	26,841	17%	11,808	19%	11,640	33%	11,100	28%		
Master's degree	801	1%	2,343	2%	670	1%	490	1%	650	2%		
Doctoral or professional degree	1,549	3%	3,500	2%	1,099	2%	1,270	4%	1,090	3%		
Total	57,733		153,685		61,473		35,550		39,370			

Source: Employment Development Department Labor Market Information



AVC Tri-County Regional Overview

Average Annual Job Openings Total

Entry Level Education	Kern	Los Angeles	Ventura	Total	% of Total	% of Total
Less Than high School	5,672	57,849	5,089	68,610	38.4%	70.1%
High School Diploma or Equivalent	3,802	48,610	4,244	56,656	31.7%	
<i>Subtotal</i>						
<i>Some College, No Degree</i>	157	1,720	166	2,043	1.1%	9.4%
<i>Postsecondary Certificate</i>	679	7,525	526	8,730	4.9%	
<i>Associate's Degree</i>	370	5,297	345	6,012	3.4%	
<i>Subtotal</i>						
<i>Bachelor's Degree</i>	1,416	26,841	1,867	30,124	16.9%	20.5%
<i>Master's Degree</i>	158	2,343	148	2,649	1.5%	
<i>Doctoral or Professional Degree</i>	158	3,500	176	3,834	2.1%	
<i>Subtotal</i>						
Totals	12,412	153,685	12,561	178,658		

Labor Market Information

- Chapter 7- Opportunities for the Future
 - Appendix D- Discussion of Labor Market Data
 - Appendix E- Labor Market Data Tables 2012-2022
- Appendix E- Regional Labor Markets Projections 2012-2022
 - 5 tables organized by entry level preparation
 - Filtered by number of projected annual job openings
 - Regional college programs and average number of graduates (2009-10 to 2014-15) aligned to each occupation
 - 9 community colleges

AVC Tri-County Region

SOC	Occupational Title	Average Annual Total Jobs	Entry Ed. Level	Work Exper	On-the-Job Training	TOP	Programs of Study			Av. Awards 2010-11 to 2014-15 Degrees
							Total	Cert. of Achieve	Associate Degree	
291141	Registered Nurses	2,580	Associate	None	None	123010	9	1	8	566.4
252011	Preschool Teachers, Except Special Education	607	Associate	None	None	130500	40	21	19	274.5
252011	Preschool Teachers, Except Special Education		Associate			130540	3	3		
232011	Paralegals and Legal Assistants	317	Associate	None	None	140200	8	4	4	39.7
292012	Medical and Clinical Laboratory Technicians	317	Associate	None	None	043000	9	6	3	4.5
292012	Medical and Clinical Laboratory Technicians		Associate			120500	1		1	9.7
292021	Dental Hygienists	310	Associate	None	None	124020	3	1	2	35.1
151134	Web Developers	281	Associate	None	None	061430	5	3	2	6.8
151134	Web Developers		Associate			070600	3		3	13.4
151134	Web Developers		Associate			070710	5	4	1	3.6
292034	Radiologic Technologists	135	Associate	None	None	122500	4	1	3	45.2
291126	Respiratory Therapists	128	Associate	None	None	121000	3	1	2	30.0

See Appendix E, Occupation Projections by Education Level

Bold in the TOP indicates AVC has an established program



AVC Programs and Occupations With 50+ Openings Projected

Education Level	Nbr Occupations	Nbr AVC Programs	% of Coverage
Bachelor's	60	34	57%
Associate	15	8	53%
Certificate	20	12	60%
Some College	3	2	67%
High School	92	55	60%
<i>Total</i>	<i>190</i>	<i>111</i>	<i>58%</i>

CSU/UC Most Popular Majors

- CSU (SB 1440)
 - Streamline Transfer (community college to CSU)
 - 36 Transfer Model Curriculums
 - AVC Established 22 (+1, +3) Associate Degrees for Transfer
- UC Transfer Pathways
 - 21 Pathways
 - AVC Established 12 (+1, +1)

Curriculum Visions

(~21 pages of bulleted lists)

- Faculty Expressed Visions
 - Recently Started, Approved, or Modified
 - Ideas Percolating, Undetermined Implementation Date
 - Facilities and Technology Implications
- A Comprehensive Perspective For The
 - Curriculum Committee & Academic Senate
 - College Administration

Five General Opportunities

1. SB 1440/440
 - AD-Ts (evaluating feasibility)

2. AB104 (adult education block grant) Plan
 - Submitted a CDCP noncredit program for ESL

3. State Online Education Initiative (OEI)
 - Curriculum design & coaching for faculty
 - Readiness material & tutor for students
 - Exam proctoring
 - Course exchange, FTES sharing
 - Canvas transition

Five General Opportunities

4. Basic Skills Strategies

- Compressed class delivery
- Redesigned courses and/or pathways
- Corequisite basic skills enrollment
- Embedded basic skills instruction in other courses
- Revisit placement practices

5. Dual Enrollment (AB 288)

- Provide basic skills refresher to high school students while enrolled in high school
- Shared teaching locations with other institutions for job training

Student Services Future Directions

- Exploit Technology
 - Reduce paper
 - Eliminate redundant collection of basic data about students
 - Curtail unnecessary trips to campus
 - Maximize self-service options
- Increase more meaningful face-to-face contacts to student support and development

Academic Affairs Future Directions

- Continue to grow
 - Trades (especially aerospace and advanced manufacturing)
 - Science, Technology, Engineering, & Math
 - Healthcare
- “re-tool” Engineering Technology program
- Maintain AD-Ts where feasible

Academic Affairs Future Directions

- Develop More Effective Tracks or Pathways
 - AVC2CSU
 - STEM pathways & STEM grant
 - *How to package existing programs so that students are more successful in a shorter period of time?*
- Expand community and contract education (fee-based)

Possible New Programs

- Explore new CTE programs
 - Advanced Manufacturing
 - Business Information Worker
 - Medical Billing and Coding

Not the End, Just the Start

Lake Magadi at sunrise in the Ngorongoro Crater (Tanzania)



ANTELOPE
VALLEY
COLLEGE